

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	M. Weinstein	Group Art Unit:	1723
Serial Number:	10/531,786	Examiner:	To be assigned
Filing Date:	April 18, 2005	Docket No.:	PB0288
Title:	Tangential Filtration Housing		

RECEIVED
CENTRAL FAX CENTER
SEP 16 2005

REQUEST FOR CORRECTED FILING RECEIPT

Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

September 16, 2005

Via Facsimile No.: (571) 273-8300
Total Pages Transmitted: 7

Sir:

Please furnish the undersigned with a corrected filing receipt for the above-identified application. The correction required is as follows:

In the "Applicant(s)" section, please correct the name of the city of residence of the second inventor as follows:

Attila Herczeg, ~~Houthborough~~ Southborough, MA

In the "Assignment for Published Patent Application" section, please correct the name of the Assignee to read as follows:

Amersham Biosciences Membrane Separations Corp., Westborough, MA

In the "Domestic Priority data as claimed by applicant" section, please correct the provisional patent application number to read as follows:

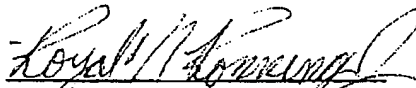
which claims benefit of ~~60/425,168~~ 60/425,198 11/07/2003

Attached is a marked up copy of the Filing Receipt, having three total pages, having a mailing date of September 9, 2005, as required.

Please find attached a copy of the cover page of the published PCT application indicating the correct spelling of the city of residence of the second inventor as well as the correct priority application number. Additionally, attached is a copy of the recorded assignment document from the inventors to Amersham Biosciences Membrane Separations Corp. The name of the Applicant printed on the published PCT application was changed through a merger and subsequent corporate name change following the expiry date of the time allowed by WIPO to make changes to the international application. Therefore, the name on the published PCT application could not be corrected.

Kindly make the noted corrections and forward the undersigned a Corrected Filing Receipt. Any questions can be referred to the undersigned.

Respectfully submitted,



Royal N. Ronning, Jr.
Registration No.: 32,529
Attorney for Applicants

Amersham Biosciences Corp
800 Centennial Avenue
P. O. Box 1327
Piscataway, New Jersey 08855-1327

Tel: (732) 457-8423
Fax: (732) 457-8463

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the U.S. Patent and Trademark Office to Fax No. (571) 273-8300 on September 16, 2005.

Signature: _____

Name: _____

Melissa Leck

T:\Pat_Dept\JP Dept\Request for Corrected Filing Receipt\Ph\PB0288 (09-16-05) doc



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/531,786	04/18/2005	1723	600	PB0288	6	10	1

22840
 AMERSHAM BIOSCIENCES
 PATENT DEPARTMENT
 800 CENTENNIAL AVENUE
 PISCATAWAY, NJ 08855

CONFIRMATION NO. 3882

FILING RECEIPT

OC000000016943836

OC000000016943836

Date Mailed: 09/09/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Martin J. Weinstein, South Dartmouth, MA;
 Attila Herczeg, ~~Southborough~~, MA;
Southborough

Assignment For Published Patent Application

Innovasep Technology Corporation, Marlborough, MA

Amersham Biosciences Membrane Separations Corp., Westborough, MA

Power of Attorney: The patent practitioners associated with Customer Number 22840.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/35555 11/07/2003
 which claims benefit of ~~60/425,168~~ 11/08/2002

60/425,198

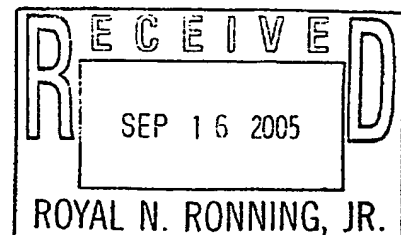
Foreign Applications

Projected Publication Date: 12/15/2005

Non-Publication Request: No

Early Publication Request: No

Title



Tangential filtration housing

Preliminary Class
210

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR

1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 May 2004 (27.05.2004)

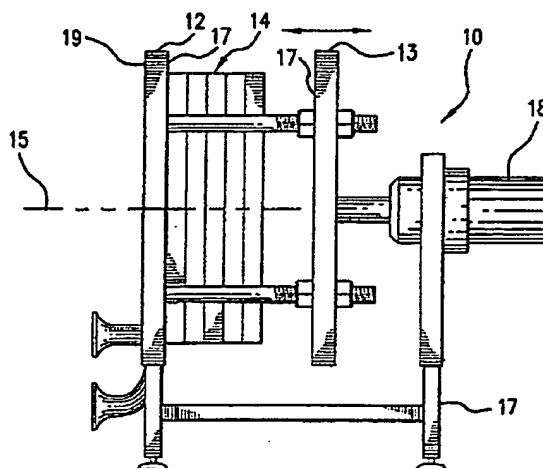
PCT

(10) International Publication Number
WO 2004/043577 A1

- (51) International Patent Classification⁷: B01D 63/00, C02F 1/44
- (21) International Application Number: PCT/US2003/035555
- (22) International Filing Date: 7 November 2003 (07.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/425,198 8 November 2002 (08.11.2002) US
- (71) Applicant (for all designated States except US): INNOVASEP TECHNOLOGY CORPORATION [US/US]; 420 Maple Street, Unit #15, Marlborough, MA 01752 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WEINSTEIN, Martin, J. [US/US]; 16 Rebecca Road, South Dartmouth, MA 02748 (US). HERCZEG, Attila [US/US]; 4 Jacobs Lane, Southborough, MA 01722 (US).
- (74) Agents: RONNING, Royal, N., Jr. et al.; Amersham Biosciences Corp, 800 Centennial Avenue, Piscataway, NJ 08855 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only
- Published:
— with international search report

(Continued on next page)

(54) Title: TANGENTIAL FILTRATION HOUSING



(57) Abstract: A filtration housing for a filter cassette includes a base frame means supporting a first and second parallel plate to be movable thereon relative to each other in directions normal thereto. The filtration cassette being retained between opposing first major surfaces of the parallel plates with the direction of movement thereof aligned with the axis of the membrane sheets. The first plate defines a first channel substantially parallel to and axially aligned with first edges of the cassette, a second channel substantially parallel to and axially aligned with the second edges of the cassette, and a third channel means including a first portion acutely oriented with respect to either of the first and second edges of the cassette and a second portion optionally substantially transversely oriented with respect to the first and second edges of the cassette or acutely oriented therearound extending a distance therebetween.

WO 2004/043577 A1



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 02, 2005

PTAS

700175742A

700175742A

ROYAL N. RONNING, JR.
AMERSHAM BIOSCIENCES CORP.
PATENT DEPARTMENT
800 CENTENNIAL AVENUE
PISCATAWAY, NJ 08855

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/02/2005

REEL/FRAME: 016217/0172
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WEINSTEIN, MARTIN J.

DOC DATE: 12/20/2004

ASSIGNOR:

HEREZEG, ATTILA

DOC DATE: 12/20/2004

ASSIGNEE:

AMERSHAM BIOSCIENCES SEPARATION
CORP.
ONE AMERSHAM WAY
WESBOROUGH, MASSACHUSETTS 01581

SERIAL NUMBER: 10531786

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: TANGENTIAL FILTRATION HOUSING